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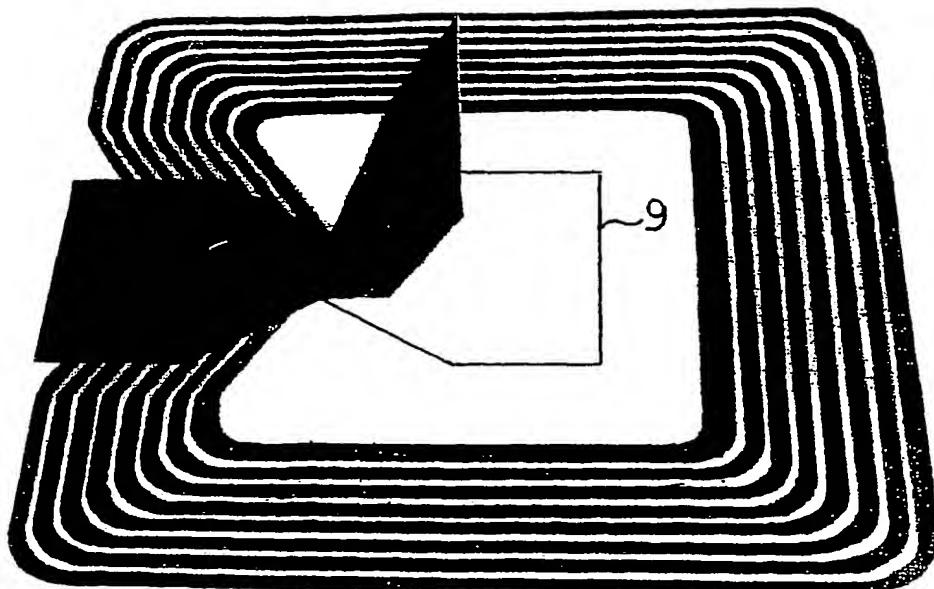
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(57) Abstract: A resonance security tag (1) comprises a dielectric foil material (2) provided with conductive material layer patterns (3-7) on both sides. The conductive material layer patterns are formed to provide an inductor (3) and a capacitor (4, 6) positioned inside the inductor (3), and mutually connected to form a resonance circuit. By cutting (9) the capacitor (4, 6) free of the dielectric foil material (2) and folding the capacitor (4, 6) away from the position inside the inductor (3), this part is left free for the penetration of magnetic flux through the inductor (3), whereby the detection level is improved and a possibility of reducing the size of the resonance security tag is provided.